ABSTRACT OF THE DISCLOSURE

Disclosed is a system of image data conversion, capable of setting conversion characteristics with more ease even for data having mixed image attributes, and of reducing the amount of

5   data and the size of memory required.   The conversion system includes processing elements in a processor array, each including at least an input data register, character registers, an attribute register, and a global processor, so that a calculator in each of the processing elements operates to select, and store in the

10   character registers, the data set, x_i, y_i, and a_i, corresponding to attribute data stored in the attribute register, to be conversion processed subsequently according to an expression stored in the global processor.   The global processor assume overall control such as writing raster image data x into each of processing

15   elements corresponding to each attribute data from a data memory to character registers, imparting an operation instruction set to each calculator for performing the data conversion, and outputting conversion processed data y_i written into an output register.

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